

Client: City of Frisco Project: Main & Teel/ Parkwood & Lebanon Bid No.: 0309-089 Engineer: Parsons Transportation			ENGINEER'S ESTIMATE		LOW BID		SECOND		THIRD		FOURTH	
			Parsons Transportation Group		CUSG		Durable Specialties, Inc.		Design Telecommunications, Inc.		Mel's Electric Service, Inc.	
			15770 N Dallas Parkway, Suite 500, LB #21 Dallas, TX 75248 (972) 991-1900 Fax: (972) 490-9261		715 Katy Rd, Suite 208A Keller, TX 76244-2485 (817) 482-1400 FAX: (817) 431-5205		121 S Alexander Duncanville, TX 75137 (972) 296-6324 FAX: (972) 780-7411		1801 Empire Central Dallas, TX 75235 (214) 879-0203 FAX: (214) 631-7722		1610 S Akard St Dallas, TX 75215 (214) 565-1074 FAX: (214) 565-1081	
			UNIT COST (\$)	TOTAL COST (\$)	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
TOTALS												
MOBILIZATION	LS	1	\$1,000.00	\$1,000.00		\$2,000.00	\$4,000.00	\$4,000.00	\$15,647.94	\$15,647.94	\$5,900.00	\$5,900.00
BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	3	\$1,000.00	\$3,000.00	\$1,200.00	\$3,600.00	\$655.00	\$1,965.00	\$671.35	\$2,014.05	\$525.00	\$1,575.00
CONCRETE SIDEWALK (WHEELCHAIR RAMP)	EA	10	\$750.00	\$7,500.00	\$900.00	\$9,000.00	\$570.00	\$5,700.00	\$501.53	\$5,015.30	\$875.00	\$8,750.00
CONDUIT (RM)(1 1/2 ")	LF	5	\$11.00	\$55.00	\$6.00	\$30.00	\$7.00	\$35.00	\$2.79	\$13.95	\$5.75	\$28.75
CONDUIT (RM)(2 ")	LF	60	\$8.00	\$480.00	\$8.00	\$480.00	\$6.00	\$360.00	\$5.27	\$316.20	\$6.00	\$360.00
CONDUIT (PVC)(SCH 40)(2 ")	LF	215	\$5.00	\$1,075.00	\$3.00	\$645.00	\$4.00	\$860.00	\$1.95	\$419.25	\$3.15	\$677.25
CONDUIT (PVC)(SCH 40)(3 ")	LF	255	\$7.00	\$1,785.00	\$3.70	\$943.50	\$5.00	\$1,275.00	\$3.08	\$785.40	\$5.40	\$1,377.00
CONDUIT (PVC)(SCH 40)(4 ")	LF	450	\$9.00	\$4,050.00	\$4.50	\$2,025.00	\$6.00	\$2,700.00	\$3.38	\$1,521.00	\$5.90	\$2,655.00
CONDUIT (PVC)(SCH 40)(BORE)(4 ")	LF	1130	\$20.00	\$22,600.00	\$12.50	\$14,125.00	\$13.00	\$14,690.00	\$13.85	\$15,650.50	\$16.25	\$18,362.50
ELEC CONDUCTOR (NO. 6) BARE	LF	1825	\$0.60	\$1,095.00	\$0.50	\$912.50	\$0.40	\$730.00	\$0.61	\$1,113.25	\$0.40	\$730.00
ELEC CONDUCTOR (NO. 12) TYPE XHHW	LF	1360	\$0.40	\$544.00	\$0.55	\$748.00	\$0.10	\$136.00	\$0.56	\$761.60	\$0.25	\$340.00
ELEC CONDUCTOR (NO. 8) TYPE XHHW	LF	2940	\$0.50	\$1,470.00	\$0.60	\$1,764.00	\$0.50	\$1,470.00	\$0.66	\$1,940.40	\$0.40	\$1,176.00
ELEC CONDUCTOR (NO. 4) TYPE XHHW	LF	1160	\$0.75	\$870.00	\$0.50	\$580.00	\$0.60	\$696.00	\$0.82	\$951.20	\$0.70	\$812.00
GROUND BOX TY C (162911) W/APRON	EA	23	\$600.00	\$13,800.00	\$310.00	\$7,130.00	\$500.00	\$11,500.00	\$367.38	\$8,449.74	\$340.00	\$7,820.00
ELECTRICAL SERVICE TYPE D(120/240)070(NS)GS(E)PS(I	EA	2	\$3,500.00	\$7,000.00	\$2,200.00	\$4,400.00	\$2,500.00	\$5,000.00	\$2,574.37	\$5,148.74	\$3,025.00	\$6,050.00
REMOVE SMALL ROADSIDE SIGN ASSEMBLY	EA	13	\$100.00	\$1,300.00	\$15.00	\$195.00	\$10.00	\$130.00	\$29.91	\$388.83	\$44.53	\$578.89
FOUNDATION FOR TRAFFIC SIGNAL (24" DRIL SHFT)	LF	30	\$110.00	\$3,300.00	\$60.00	\$1,800.00	\$110.00	\$3,300.00	\$84.53	\$2,535.90	\$85.00	\$2,550.00
FOUNDATION FOR TRAFFIC SIGNAL (36" DRIL SHFT)	LF	39	\$155.00	\$6,045.00	\$120.00	\$4,680.00	\$120.00	\$4,680.00	\$83.46	\$3,254.94	\$98.00	\$3,822.00
FOUNDATION FOR TRAFFIC SIGNAL (42" DRIL SHFT)	LF	80	\$155.00	\$12,400.00	\$180.00	\$14,400.00	\$140.00	\$11,200.00	\$70.47	\$5,637.60	\$170.00	\$13,600.00
FOUNDATION FOR TRAFFIC SIGNAL (48" DRIL SHFT)	LF	22	\$210.00	\$4,620.00	\$220.00	\$4,840.00	\$160.00	\$3,520.00	\$97.46	\$2,144.12	\$205.00	\$4,510.00
TRAFFIC SIGNAL CONTROLLER FOUNDATION	EA	2	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00	\$1,400.00	\$2,800.00	\$1,150.89	\$2,301.78	\$1,110.00	\$2,220.00
REFL PAV MRK TY I(W)(SLD)(6 ")THERMOPLASTIC	LF	270	\$2.00	\$540.00	\$1.75	\$472.50	\$3.00	\$810.00	\$3.36	\$907.20	\$2.25	\$607.50
REFL PAV MRK TY II(W)(SLD)(6")PAINT	LF	270	\$1.00	\$270.00	\$0.50	\$135.00	\$1.00	\$270.00	\$0.92	\$248.40	\$0.65	\$175.50
PAV SURF PREP FOR MARKINGS (BLAST CLEAN) 6 IN	LF	270	\$0.75	\$202.50	\$0.25	\$67.50	\$0.50	\$135.00	\$0.37	\$99.90	\$0.65	\$175.50
INSTALLATION OF HIGHWAY TRAFFIC SIGNAL	EA	2	\$14,773.75	\$29,547.50	\$20,200.00	\$40,400.00	\$10,000.00	\$20,000.00	\$16,372.87	\$32,745.74	\$12,000.00	\$24,000.00
VEHICLE SIGNAL SECTION (12 IN)(W/O LENS & REFL)	EA	147	\$125.00	\$18,375.00	\$45.00	\$6,615.00	\$150.00	\$22,050.00	\$97.59	\$14,345.73	\$140.00	\$20,580.00
PED SIGNAL SECTION (2 INDICATIONS IN 1 SEC)(W/O LEI	EA	16	\$200.00	\$3,200.00	\$175.00	\$2,800.00	\$300.00	\$4,800.00	\$218.34	\$3,493.44	\$315.00	\$5,040.00
BACK PLATE (3 SEC) (12 IN)	EA	24	\$65.00	\$1,560.00	\$118.00	\$2,832.00	\$50.00	\$1,200.00	\$72.37	\$1,736.88	\$47.00	\$1,128.00
BACK PLATE (5 SEC) (12 IN)	EA	15	\$80.00	\$1,200.00	\$133.00	\$1,995.00	\$60.00	\$900.00	\$85.81	\$1,287.15	\$68.00	\$1,020.00
TRAFFIC SIGNAL CABLE (TY A)(5 CONDR)(14 AWG)IMSA :	LF	1180	\$1.00	\$1,180.00	\$0.40	\$472.00	\$0.50	\$590.00	\$0.77	\$908.60	\$0.70	\$826.00
TRAFFIC SIGNAL CABLE (TY A)(7 CONDR)(14 AWG)IMSA :	LF	625	\$1.25	\$781.25	\$0.50	\$312.50	\$1.00	\$625.00	\$0.84	\$525.00	\$0.90	\$562.50
TRAFFIC SIGNAL CABLE (TY A)(10 CONDR)(14 AWG)IMSA	LF	1495	\$3.00	\$4,485.00	\$0.70	\$1,046.50	\$2.00	\$2,990.00	\$1.02	\$1,524.90	\$1.20	\$1,794.00
TRAFFIC SIGNAL CABLE (TY A)(20 CONDR)(14 AWG)IMSA	LF	1770	\$4.50	\$7,965.00	\$1.50	\$2,655.00	\$4.00	\$7,080.00	\$2.11	\$3,734.70	\$2.00	\$3,540.00
TRAFFIC SIGNAL POLE ASM (STL) 1 ARM (48 FT) LUM	EA	3	\$5,100.00	\$15,300.00	\$3,300.00	\$9,900.00	\$3,500.00	\$10,500.00	\$4,128.81	\$12,386.43	\$4,450.00	\$13,350.00
TRAFFIC SIGNAL POLE ASM (STL) 1 ARM (55 FT)LUM	EA	0	\$7,500.00	\$7,500.00	\$6,389.00	\$6,389.00	\$7,000.00	\$7,000.00	\$7,933.25	\$7,933.25	\$8,350.00	\$8,350.00
Install City Provided Traffic Signal Pole ASM (STL) 1 ARM (55	EA	2	\$9,000.00	\$18,000.00	\$300.00	\$600.00	\$900.00	\$1,800.00	\$367.41	\$734.82	\$1,050.00	\$2,100.00
Install City Provided Traffic Signal Pole ASM (STL) 1 ARM	EA	2	\$11,000.00	\$22,000.00	\$350.00	\$700.00	\$900.00	\$1,800.00	\$382.63	\$765.26	\$1,050.00	\$2,100.00
(55 FT) (Contractor to cut 30' pole to 24')												
PEDESTRIAN PUSH BUTTON W/INTEGRAL SIGN (9" x 12")	EA	16	\$130.00	\$2,080.00	\$75.00	\$1,200.00	\$100.00	\$1,600.00	\$95.59	\$1,529.44	\$120.00	\$1,920.00
PEDESTAL POLE ASSEMBLY (10')	EA	1	\$600.00	\$600.00	\$70.00	\$70.00	\$103.00	\$103.00	\$49.86	\$49.86	\$100.00	\$100.00
PEDESTAL POLE ASSEMBLY (15')	EA	4	\$1,000.00	\$4,000.00	\$250.00	\$1,000.00	\$500.00	\$2,000.00	\$414.15	\$1,656.60	\$525.00	\$2,100.00
12 INCH LED TRAFFIC SIGNAL LAMP UNIT (RED)	EA	39	\$125.00	\$4,875.00	\$80.00	\$3,120.00	\$70.00	\$2,730.00	\$94.25	\$3,675.75	\$90.00	\$3,510.00
12 INCH LED TRAFFIC SIGNAL LAMP UNIT (YELLOW)	EA	39	\$135.00	\$5,265.00	\$105.00	\$4,095.00	\$70.00	\$2,730.00	\$108.92	\$4,247.88	\$95.00	\$3,705.00
12 INCH LED TRAFFIC SIGNAL LAMP UNIT (GREEN)	EA	39	\$200.00	\$7,800.00	\$130.00	\$5,070.00	\$130.00	\$5,070.00	\$182.27	\$7,108.53	\$165.00	\$6,435.00
12 INCH LED TRAFFIC SIGNAL LAMP UNIT (YEL ARROW)	EA	15	\$135.00	\$2,025.00	\$105.00	\$1,575.00	\$70.00	\$1,050.00	\$108.92	\$1,633.80	\$75.00	\$1,125.00
12 INCH LED TRAFFIC SIGNAL LAMP UNIT (GRN ARROW)	EA	15	\$150.00	\$2,250.00	\$105.00	\$1,575.00	\$120.00	\$1,800.00	\$148.04	\$2,220.60	\$115.00	\$1,725.00
VIVDS PROCESSOR SYSTEM	EA	2	\$7,000.00	\$14,000.00	\$9,150.00	\$18,300.00	\$2,000.00	\$4,000.00	\$2,544.65	\$5,089.30	\$9,000.00	\$18,000.00
VIVDS CAMERA ASSEMBLY	EA	8	\$2,500.00	\$20,000.00	\$1,250.00	\$10,000.00	\$3,800.00	\$30,400.00	\$4,672.70	\$37,381.60	\$2,840.00	\$22,720.00
LED PEDESTRIAN SIGNAL LAMP UNIT (SYMBOLIC)	EA	16	\$350.00	\$5,600.00	\$200.00	\$3,200.00	\$140.00	\$2,240.00	\$218.94	\$3,503.04	\$210.00	\$3,360.00
SPREAD SPECTRUM RADIO	EA	2	\$1,600.00	\$3,200.00	\$1,400.00	\$2,800.00	\$1,800.00	\$3,600.00	\$2,432.83	\$4,865.66	\$2,300.00	\$4,600.00
ANTENNA (YAGI)	EA	2	\$400.00	\$800.00	\$150.00	\$300.00	\$200.00	\$400.00	\$294.35	\$588.70	\$225.00	\$450.00
COAXIAL CABLE, LMR-400	LF	180	\$2.00	\$360.00	\$3.00	\$540.00	\$1.00	\$180.00	\$1.72	\$309.60	\$1.60	\$288.00
				\$309,950.25		\$206,035.00		\$217,200.00		\$233,249.45		\$239,281.39